

Device Provisioning

Huawei HG659 Router VOIP Port Provisioning

The Huawei HG659 Router has a built-in VOIP port which can be configured to work with Hero. The following guide explains how to configure a Hero phone number on Phone Port on the router.

1. Configure your VOIP settings in the telephony tab

- Select 'Telephony' from the tabs at the top of the page and click on the VoIP page
- Set Provider name to 'Hero'
- Set Primary registrar to 'phone.herotel.uk' and port to 5060
- Set Primary proxy to 'phone.herotel.uk' and port to 5060
- Set SIP Domain to 'phone.herotel.uk'
- Set Local Port to 5060
- Tick the 'use outbound' check box
- Set Outbound server to 'phone.herotel.uk' and Port to 5060
- Save Settings

2. Create a new VOIP provider

- Set SIP number to your Hero phone number (e.g. 442034567891)
- Set Username to your Hero phone number (e.g. 442034567891)
- Set Password to your Hero password
- Ensure that the 'Enabled' check box is ticked

Device Provisioning

HomeInternetHome NetworkSharing**Telephony**Maintain

VoIP

Telephone

Line Status

Call Log

Dial Plan

Advanced

VoIP

After a phone is connected to the HG659, the VoIP function allows you to make and receive calls. Unlike PSTN, VoIP uses network bandwidth.

VoIP Providers

What's this?

HeroEditDelete

Provider name:Hero

Primary registrar:phone.hero.co.nzPort5060

Primary proxy:phone.hero.co.nzPort5060

SIP domain:phone.hero.co.nz

Local port:5060

Use outbound:☒

Outbound servers:phone.hero.co.nzPort5060

Use secondary server:☐

CancelSave

+ New VoIP provider

VoIP Numbers

What's this?

VoIP provider:Hero

OnlineEditDelete

SIP number:Your Phone Number

Username:Your Phone Number

Password:..... Your Password

Enable:☒

CancelSave

3. Set up your codec preferences (if required)

- We recommend setting your Codec 1 setting to G.711ALaw unless you wish to save bandwidth in which case you can select G.729 as your preferred codec.

Device Provisioning

- Set DTMF Mode to RFC2833
- Set the Fax codecs to T38 as Codec 1 if you are plugging in a Fax machine

The screenshot shows a web interface for device provisioning. At the top, there are tabs: Home, Internet, Home Network, Sharing, Telephony (selected), and Maintain. On the left, a sidebar lists: VoIP, Telephone, Line Status, Call Log, Dial Plan, and Advanced (selected). The main content area is titled 'Advanced' and contains the text: 'Codec,DTMF,FAX Codec of Line and TAPI parameters can be configured here.' Below this is a section for 'Call Settings' with a 'What's this?' link. The settings are for a device with ID '042420007'. The settings include: Codec 1: G.711ALaw, Codec 2: G.711MuLaw, Codec 3: G.722, Codec 4: G.728-32, Codec 5: G.728-24, Codec 6: G.729, DTMF mode: RFC2833, Fax codec 1: G711A, Fax codec 2: G711U, Fax codec 3: T38, and Enable CLIP: checked. At the bottom right are 'Cancel' and 'Save' buttons.

Setting	Value
042420007	Edit
Codec 1:	G.711ALaw
Codec 2:	G.711MuLaw
Codec 3:	G.722
Codec 4:	G.728-32
Codec 5:	G.728-24
Codec 6:	G.729
DTMF mode:	RFC2833
Fax codec 1:	G711A
Fax codec 2:	G711U
Fax codec 3:	T38
Enable CLIP:	<input checked="" type="checkbox"/>

4. Enable service 'Voice' under the Internet Settings

This final step is important as your phone will not work unless you tick the Voice check box under your Internet settings.

- Click on the Internet tab and scroll down to your Active Internet connection type
- Next to the 'Service Type' ensure that you have ticked the Voice check box
- Below is a screenshot of an example Internet connection using PPP although your connection details may differ.

Device Provisioning

Home	Internet	Home Network	Sharing	Telephony	Maintain
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Internet Settings

IPTV Service

Layer2Bridging

Parental Control

Network Security

Bandwidth Control

Internet Services

VPN

Forwarding

Routing Rules

Internet Settings

You can view the connection status of the HG659.

INTERNET_ADSL_0_100

INTERNET_VDSL_VID_10

INTERNET_ETH_VID

Access type:

Ethernet

IPv4 status:

Disconnected

Delete

Edit

Restart Connection

Basic Information

Enable connection:

☒

Name:

INTERNET_ETH_VID

Service type:

☒ INTERNET ☒ VOICE ☐ Other

Connection type:

IP routing (PPP) ▼

MRU:

1492

MSS:

0

NAT type:

NAPT ▼

Link Information

Enable VLAN:

☐

PPP Information

PPP authentication mode:

Auto ▼

PPP trigger mode:

☒ Always online ☐ Dial manually ☐ Dial on demand

Internet account:

ppp

Internet password:

PPP service name:

IP Information

IP protocol version:

IPv4 ▼

Static DNS:

☐

Cancel

Save

If you are having any further issues getting your Huawei HG659 Router configure to work with Hero then contact our Support team and we will do our best to assist you.

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Unique solution ID: #1122

Author: Support

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